

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2720	((359/572) or (359/566) or (359/569) or (359/576) or (216/24)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/12/30 13:50
L2	1657	L1 and (diffract\$ near4 (grating or element))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/30 13:50
L3	41	L2 and (reel or roll) and (substrate or base)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/30 13:50
L4	94	L2 and (laser with (etch\$4 or vapor\$ or vapour\$ or melt\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/30 13:50
L5	1845	L1 and grating	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/30 13:50
L6	119	L5 and (laser with (etch\$4 or vapor\$ or vapour\$ or melt\$ or ablat\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/30 13:50
L7	23	L5 and ((reel or roll) with (sheet or film or tape))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/30 13:50
L8	83	L1 and (grating same encod\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/30 13:50
L9	208	L5 and (reel or roll or feed\$4) and (substrate or base)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/30 13:50
L10	13	L1 and ((reflect\$ near5 grating) same encod\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/30 13:50

L11	757	L1 and (reflect\$ near\$4 grating)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/30 13:50
L12	492	L11 and laser	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/30 13:50
L13	112	L12 and (roll or reel or feed\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/30 13:50
L14	5	1 and grating and ((laser or (focus\$4 with (light or beam))) with (writ\$4 or etch\$4 or vapor\$ or vapour\$ or evaporat\$ or melt\$4) with (normal\$2 or orthogonal\$ or perpendicul\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/30 15:20
L15	12	1 and grating and ((laser or (focus\$4 with (light or beam))) with (writ\$4 or etch\$4 or vapor\$ or vapour\$ or evaporat\$ or melt\$4) with line)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/30 15:23
L16	25	1 and grating and ((laser or (focus\$4 with (light or beam))) with (writ\$4 or etch\$4 or vapor\$ or vapour\$ or evaporat\$ or melt\$4) with scan\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/30 15:30
L17	73	1 and (grating with line) and ((laser or (focus\$4 with (light or beam))) with scan\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/30 15:52
L18	117	(grating with line) and ((laser or (focus\$4 with (light or beam))) with scan\$4 with (writ\$4 or etch\$4 or vapor\$ or vapour\$ or evaporat\$ or melt\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/30 17:15
L19	114	(grating with line) and ((laser or (focus\$4 with (light or beam))) with (writ\$4 or etch\$4 or vapor\$ or vapour\$ or evaporat\$ or melt\$4)) and (reflect\$ or metal\$4) and (scan\$4 with sequen\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/30 16:49
L20	98	grating and ((laser or (focus\$4 with (light or beam))) with (writ\$4 or etch\$4 or vapor\$ or vapour\$ or evaporat\$ or melt\$4) with line) and (roll\$2 or tap\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/30 17:05
L21	10	grating and ((laser or (focus\$4 with (light or beam))) with (ablat\$) with line) and (roll\$2 or tap\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/30 17:05

L22	14	(grating with line) and ((laser or (focus\$4 with (light or beam))) with scan\$4 with (ablat\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/30 17:08
L23	25	((grating) and ((laser or (focus\$4 with (light or beam))) with (writ\$4 or etch\$4 or vapor\$ or vapour\$ or evaporat\$ or melt\$4 or ablat\$)) and (reflect\$ or metal\$5) and (roll\$3 or tap\$4)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/30 17:19
L24	5	(grating and ((laser or (focus\$4 with (light or beam))) with (writ\$4 or etch\$4 or vapor\$ or vapour\$ or evaporat\$ or melt\$4 or ablat\$)) and scan\$4 and (roll\$3 or tap\$4)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/30 17:20
L25	15	(grating and ((laser or (focus\$4 with (light or beam))) with (writ\$4 or etch\$4 or vapor\$ or vapour\$ or evaporat\$ or melt\$4 or ablat\$)) and (normal\$5 or orthogon\$ or perpendic\$) and (reel\$3 or roll\$3 or tap\$4)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/30 17:21
S1	14	((("4974962") or ("4975571") or ("5033817") or ("5059499") or ("6376799") or ("6445456") or ("6514576"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/07/06 20:05
S2	2	("4637862").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/07/07 09:19
S3	2612	((359/572) or (359/566) or (359/569) or (359/576) or (216/24)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/07/07 10:17
S4	1587	S3 and (diffract\$ near4 (grating or element))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/07 12:24
S5	37	S4 and (reel or roll) and (substrate or base)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/07 14:07
S6	87	S4 and (laser with (etch\$4 or vapor\$ or vapour\$ or melt\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/07 12:24
S7	1772	S3 and grating	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/07 17:27

S8	112	S7 and (laser with (etch\$4 or vapor\$ or vapour\$ or melt\$ or ablat\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/07 13:28
S9	22	S7 and ((reel or roll) with (sheet or film or tape))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/07 13:29
S10	77	S3 and (grating same encod\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/07 17:25
S11	198	S7 and (reel or roll or feed\$4) and (substrate or base)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/07 14:07
S12	12	S3 and ((reflect\$ near5 grating) same encod\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/07 17:26
S13	716	S3 and (reflect\$ near4 grating)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/07 19:05
S14	469	S13 and laser	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/07 17:28
S15	108	S14 and (roll or reel or feed\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/07 17:28
S16	352	(reflect\$ near4 grating) same encod\$	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/07 19:06
S17	42	laser with etch\$ with (reflect\$ near4 grating)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/08 12:24
S18	7	laser with (scrib\$ or ablat\$ or vapro\$ or vapour\$) with (reflect\$ near4 grating)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/08 12:27

S19	13	laser with (scrib\$ or ablat\$ or vapor\$ or vapour\$) with (reflect\$ near4 grating)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/09 17:02
S20	0	laser with (demetal\$ or de?metal\$) with (reflect\$ near4 grating)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/08 16:26
S21	0	((laser with (demetal\$ or de?metal\$)) same (reflect\$ near4 grating)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/08 16:26
S22	483	((laser with (scrib\$ or ablat\$ or vapor\$ or vapour\$ or etch\$)) with grating) and (roll or reel or feed\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/08 20:12
S23	5	("4780177" "4786358" "4842677" "4915981" "4940508").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/08 17:26
S24	13	("5364493").URPN.	USPAT	OR	ON	2005/07/08 18:33
S25	44	((laser with machin\$) with grating) and (roll or reel or feed\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/08 20:05
S26	364	((laser with (writ\$)) with grating) and (roll or reel or feed\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/08 20:12
S27	100	((scrib\$ or ablat\$ or vapor\$ or vapour\$ or demetal\$ or de?metal\$ or etch\$ or melt\$4 or writ\$4 or machin\$) with (reflect\$ near4 grating)) and ((reel\$4 or roll\$4 or driv\$4) same (sheet or substrate or base or tape))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/09 17:34
S28	1996	((laser or radiation) with (scrib\$ or ablat\$ or vapor\$ or vapour\$ or demetal\$ or de?metal\$ or etch\$ or melt\$4 or writ\$4 or machin\$) with line) and ((reel\$4 or roll\$4 or driv\$4) same (sheet or substrate or base or tape))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/09 17:36
S29	94	((laser or radiation) with (scrib\$ or ablat\$ or vapor\$ or vapour\$ or demetal\$ or de?metal\$ or etch\$ or melt\$4 or writ\$4 or machin\$) with (line near5 (parallel or straight))) and ((reel\$4 or roll\$4 or driv\$4) same (sheet or substrate or base or tape))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/09 18:03
S30	662	(laser or radiation) with (scrib\$ or ablat\$ or vapor\$ or vapour\$ or demetal\$ or de?metal\$ or etch\$ or melt\$4 or writ\$4 or machin\$) with (diffract\$ near3 grating)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/09 18:39

S31	2	("20030213770").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/07/09 18:39
S32	97	(US-20050083575-\$ or US-20010028502-\$ or US-20040184147-\$ or US-20050117222-\$ or US-20050052744-\$ or US-20030000922-\$ or US-20030000644-\$ or US-20030226834-\$ or US-20030226832-\$ or US-20030226830-\$ or US-20030016125-\$ or US-20030213770-\$).did. or (US-6514576-\$ or US-6445456-\$ or US-6376799-\$ or US-5059499-\$ or US-5033817-\$ or US-4975571-\$ or US-4974962-\$ or US-6337752-\$ or US-6113801-\$ or US-5801857-\$ or US-5759420-\$ or US-5629068-\$ or US-5291317-\$ or US-5155604-\$ or US-5085514-\$ or US-6495384-\$ or US-6093334-\$ or US-5919607-\$ or US-5856070-\$ or US-5623473-\$ or US-5393634-\$ or US-5234537-\$ or US-5225039-\$ or US-5029981-\$ or US-4842405-\$ or US-4828356-\$).did. or (US-4401367-\$ or US-6362453-\$ or US-5910256-\$ or US-5828492-\$ or US-5815292-\$ or US-5779924-\$ or US-5675691-\$ or US-5240550-\$ or US-5745629-\$ or US-5812320-\$ or US-5754341-\$ or US-5652426-\$ or US-5629804-\$ or US-5377044-\$ or US-6466714-\$ or US-6375870-\$ or US-4997747-\$ or US-4660934-\$ or US-5216739-\$ or US-5104209-\$ or US-4560249-\$ or US-6087655-\$ or US-5413884-\$ or US-5364493-\$ or US-4842677-\$ or US-4786358-\$ or US-4780177-\$).did. or (US-5910173-\$ or US-5840622-\$ or US-5827775-\$ or US-5792520-\$ or US-5514618-\$ or US-5951881-\$ or US-6580054-\$ or US-5994665-\$ or US-5635976-\$ or US-5373137-\$ or US-4315133-\$ or US-5529813-\$ or US-5843626-\$ or US-6291797-\$ or US-6470712-\$ or US-6645603-\$).did. or (JP-61292924-\$ or JP-59165428-\$ or JP-06230209-\$ or JP-05265365-\$ or JP-10113780-\$ or JP-10319221-\$ or JP-2000056112-\$ or JP-2001239390-\$ or JP-2003012345-\$ or JP-2003329822-\$).did. or (JP-05283393-\$ or DE-3685677-\$ or JP-03120501-\$ or JP-10113780-\$ or JP-2003236928-\$ or JP-2003236929-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2005/07/10 16:50
S33	24	S32 and melt\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/10 17:26
S34	33	S32 and adhe\$	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/10 17:27